N1   Name

PURPOSE: To identify a party by type of organization, name and code

Requirements: Optional; Max Use: 1;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
N101	98	Entity Identifier Code	ID	2/2	M	"ZZ" = Code for Directory Listing needs to be mutually defined
N102	93	Name	AN	1/35	M	If N101 = "ZZ" Directory Listing Name

N3   Address Information

PURPOSE: To specify the location of the named party

Requirements: Optional; Max Use: 2;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
N301	166	Address Information	AN	1/35	M	If N101 = "ZZ" Directory Listing Address

N4   **Geographic Location**

PURPOSE: To specify the geographic place of the named party

Requirements: Optional; Max Use: 1;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
N401	19	City Name	AN	2/20	O	If N101 = "ZZ" Directory Listing City
N402	156	State or Provice Code	ID	2/2	O	If N101 = "ZZ" Directory Listing State
N403	116	Postal Code	ID	3/11	O	If N101 = "ZZ" Directory Listing Zip Code

CTT   Transaction Totals

PURPOSE: To transmit a hash total for a specific element in the transaction set

Requirements: Mandatory;Max Use: 1;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
CTT01	354	Number of Line Items	N0	1/6	M	"n" = Number of line items (number of PO1 segments)

SE· Transaction Set Trailer

PURPOSE: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Requirements: Mand; Max Use: 1;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
SE01	96	Number of Included Segments	N0	1/10	M	Segcount number of segments from ST-Se inclusive. Generated by translator
SE02	329	Transaction Set Control Number	AN	4/9	M	Identifying control number assigned by the originator for a transaction set. (Must match the value of this same data element in ST02 in the ST)

GE   Functional Group Trailer

PURPOSE: To indicate the end of a functional group and to provide control information

Requirements: Mand; Max Use: 1;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
GE01	97	Number of Transaction Sets Included	N0	1/6	M	Total number of transaction sets included in the functional group or interchang group terminated by the trailer containing this data element.
GE02	28	Group Control Number	N0	1/9	M	Assigned number originated and maintained by the sender (Must match the value of the same data element in GS06)

IEA   Interchange Control Trailer

PURPOSE: To define the end of an interchange of zero or more functional groups and interchange-related control segments.

Requirements: Mand; Max Use: 1;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes		Value or Comment
IEA01	I16	Number of Included Functional Groups	N0	1/5	M A count of the number of functional groups included in a transmission.
IEA02	I12	Interchange Control Number	N0	9/9	M The value of this data element must match the value of the same data element (ISA13) in the Interchange Control Header.

ISA   Interchange Control Header

PURPOSE: To start and identify and interchange of one or more functional groups and interchange-related control segments.

Requirements: Mand; Max Use: 1;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
ISA01	I01	Authorization Information Qualifier	ID	2/2	M	"00"= No Authorization information present (No meaningful information in I02)
ISA02	I02	Authorization Information	AN	10/10	M	Information used for additional identification or authorization of the sender or the data in the interchange. (Spaces will be sent)
ISA03	I03	Security Qualifier	ID	2/2	M	"00" = No Secureity information is present (No meaningful information in I04)
ISA04	I04	Security Information	AN	15/15	M	This is used for identifying the Security information about the sender or the data in the interchange. (Spaces will be sent)
ISA05	I05	Interchange Id Qualifier	ID	2/2	M	"ZZ" = Mutually Defined
ISA06	I06	Interchange Sender ID	ID	15/15	M	"ECIPEDI"
ISA07	I05	Interchange Id Qualifier	ID	2/2	M	Your Qualifier
ISA08	I07	Interchange Receiver ID	ID	15/15	M	Your ID Number
ISA09	I08	Interchange Date	DT	6/6	M	Date of the interchange. YYMMDD
ISA10	I09	Interchange Time	TM	4/4	M	Time of the interchange. HHMM (24 Hour Clock)

ISA11	I10	Interchange Standard Id	ID	1/1	M	"U" = U.S> EDI Community of ASC X12
ISA12	I11	Interchange Version Id	ID	5/5	M	"00304"=Draft Standard for Trial Use Approved for Publication by ASC X12 Procedures Review Board Through October 1993
ISA13	I12	Interchange Control No.	NO	9/9	M	Sender assigned sequential number. Together with the sendet ID (ISA06) it uniquely identifies the interchange data to the receiver.
ISA14	I13	Acknowledgment Requested	ID	1/1	M	"0" = No transmission acknowledgement requested (TA1).
ISA15	I14	Test Indicator	ID	1/1	M	"P" = Production Data "T" = Test Data
ISA16	I15	Subelement Separator	AN	1/1	M	">" = Not using

GS   Functional Group Header

PURPOSE: To Indicate the beginning of a functional group and to provide control information.

Requirements: Mand; Max Use: 1;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
GS01	479	Functional Group ID	ID	2/2	M	"PO" = 850 - Purchase Order Number
GS02	142	Application Sender's Code	ID	2/15	M	"Actiview"
GS03	124	Application Receiver's Code	ID	2/15	M	Your Application Receiver Code
GS04	29	Data Interchange Date	DT	6/6	M	Date of the functional group. YYMMDD
GS05	30	Data Interchange Time	TM	4/4	M	Time of the functional group. HHMM (24 hour clock)
GS06	28	Transmission Control	NO	1/9	M	Sender assigned sequential number.
GS07	455	Responsible Agency Code	ID	1/2	M	"X" = Accredited Standard Committee X12
GS08	480	Version	ID	1/12	M	003040

ST   Transaction Set Header

PURPOSE: To indicate the start of a transaction set and to assign a control number.

Requirements: Mand; Max Use: 1;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
ST01	143	Transaction Set ID Code	ID	3/3	M	"850"
ST02	329	Transaction Set Control Number	AN	4/9	M	Identifying control number assigned by the originator for a transaction set.

BCH **Beginning Segment for Purchase Order for Purchase Order Change**

PURPOSE: To indicate the beginning of the purchase order change transaction set and transmit identifying numbers and dates.

Requirements: Mand; Max Use: 1;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
BCH01	353	Transaction Set Purpose Code	ID	2/2	M	"01" = Code for Cancellation
						"04" = Code for Change
						"05" =Code for Replace
BCH02	92	Purchase Order Type Code	ID	2/2	M	"SS" = Code for Supply or Service Order
BCH03	324	Purchase Order Number	AN	1/22	M	**"PON"** = Purchase Order Number
BCH11	279	Purchase Order Change Request Date	DT	6/6	O	Date of the Purchase Order Change Request

AT&T

REF   Reference Number

PURPOSE: To specify identifying numbers.

Requirements: Optional; Max Use: 12;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
REF01	128	Reference Number Qualifier	ID	2/2	M	"V0" = Code for Version Number
						"12" = Code for Billing Account Number
						"1V" = Code for Related Vendor Order Number
						"2I" = Code for Tracking Number
						"AE" = Code for Expense Number
						"CO" = Code for Customer Order Number
						"GP" = Code for Government Priority Number
						"JB" = Job Number
						"SY" = Code for Social Security Number
REF02	127	Reference Number	AN	1/30	M	If REF01 = "V0" **"VER"** = Version Number of the Service Order
						If REF01 = "12" **"BAN"** = Billing Account Number

If REF01 = "1V"
"RORD" = Related Order ID

IF REF01 = "2I"
"LSR NO" = Local Service Request Number

If REF01 = "AE"
"SAN" = Subscriber Authorization Number

If REF01 = "CO"
"RPON" = Related PO Number

IF REF01 = "GP"
"TSP" = Telecom Service Priority

If REF01 = "JB"
"PROJECT" = Project Identification

If REF01 = "SY"
"SSN" = Social Security Number (No Dashes Allowed)

PER   Administrative Communications Contact

PURPOSE: To identify a person or office to whom administrative communications should be directed.

Requirements: Optional; Max Use: 3;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
PER01	366	Contact Function Code	ID	2/2	M	"CA" = Code for Customer Contact Granting Appointment
						"CN" = Code for General Contact
PER02	127	Name	AN	1/35	O	If PER01 = "CA" **"LCON"**=Local Contact
						If PER01 = "CN" **"IWCON"** = Inside Wire Contact
PER03	365	Communication Number Qualifier	ID	2/2	X	"TE" = Code for Telephone
PER04	364	Communication Number	AN	1/80	X	IF PER01 = "CA" **"TEL NO"** = Local Contact Telephone #
						IF PER01 = "CN" **"TEL NO"** = Inside Wire Contact Telephone #

SAC   Service, Promotion, Allowance, or Change Information

PURPOSE: To request or identify a service, promotion,allowance,or charge; to specify the amount or percentage for the service, promotion, allowance, or charge.

Requirements: Optional; Max Use: 25;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
SAC01	248	Allowance or Charge Indicator	ID	1/1	M	"A" = Allowance
						"C" = Charge
						"N" = No Allowance or Charge
SAC03	559	Agency Qualifier Code	ID	2/2	X	"TI"= Telecommunications Industry
SAC04	1301	Agency Service, Promotion Allowance, or Charge Code	AN	1/10	X	**"EXP"** = Expedited Service Charge
						"VT" = Code for Variable Term Agreement
						"EEH" = Engineering Charge **"AENG"**
						"OAC" = Overtime Loading **"ALBR"**
SAC15	352	Description	AN	1/80	O	If SAC04 = "VT" **"VTA"** = Variable Term Agreement

INC   Date/Time Reference

PURPOSE: To specify installment billing arrangement.

Requirements: Optional; Max Use: 1;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
INC01	336	Terms Type Code	ID	2/2	M	"04" = Deferred or Installment
INC03	380	Number of Installments	R	1/15	M	**"EBP"** = Extended Billing Plan

DTM   Date/Time Reference

PURPOSE: To specify pertinent dates and times.

Requirements: Optional; Max Use: 10;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
DTM01	374	Date/Time Qualifier	ID	3/3	M	"007" = Code for Effective
						"097" = Code for Transaction Creation
						"124" = Code for Group Contract Effective Date
						"150" = Code for Desired Due Date
						"201" = Code for Acceptance
						"067" = Code for Current Schedule Delivery
DTM02	373	Date	DT	6/6	X	If DTM01 = "007" **"EBD"** = Effective Bill Date
						If DTM01 = "097" **"D/T SENT"** = Date and Time Sent
						If DTM01 = "124" **"DATED"** = Date of Agency Authorization
						If DTM01 = "150" **"DDD"** = Desired Due Date
						If DTM01 = "201" **"LSP AUTH DATE"** =

						Local Service Provider Authorization Date
DTM03	337	Time	TM	4/8	X	If DTM01 = "097" Transaction Time
DTM04	623	Time Code	ID	2/2	O	If DTM01 = "097" Transaction Universal Time Coordinate Time
DTM05	624	Century	N0	2/2	O	If DTM01 = "007" Effective Bill Century
						If DTM01 = "097" Transaction Century
						If DTM01 = "124 Agency Authorization Century
						If DTM01 = "150" Desired Century
DTM06	1250	Date Time Period Format Qualifier	ID	2/3	X	If DTM01 = "067" RDT=Range of Dates Expressed in Format (CCYYMMDDHH-CCYYMMDDHH)
						DT = Date and Time Expressed in Format (CCYYMMDDHHMM)
						D8 = Date Expressed in Format (CCYYMMDD)
DTM07	1251	Date Time Period	AN	1/35	X	If DTM01 = "067" "DFDT"=Desired Frame Due Time

SI   **Service Characteristic Identification**

        PURPOSE: To specify service characteristic data.

        Requirements: Optional; Max Use: 2;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
SI01	559	Agency Qualifier Code	ID	2/2	M	"TI" = Telecommunications Industry
SI02	1000	Service Characteristics Qualifier	ID	2/2	M	"AA" = Code for Account Activity
SI03	234	Product/Service Id	AN	1/40	M	**"ACT"**
						("N"=New Installation, "D"=Disconnect, "M"=Inside Move of physical Termination Within a Building, "T"=Outside move of End User Location, "C"=Change or Modification to an Existing Service, "R"=Record Activity is for Ordering Administrative Changes, "V"=Migration / Conversion)
SI04	1000	Service Characteristics Qualifier	ID	2/2	M	"TP" = Code for Telecommunications Provider Office
						"TY" = Code for Type of Service
						"SS" = Service Sub-Category Code
						"NC" = Network Channel Code

"NI"=Code for Network
Channel Interface Code

"SN" = Code for
Secondary Network
Channel Interface Code

"SC" = Code for Resale

"LS" = Code for Local
Service Termination

"LR" = Code for Design
Routing Code

"BN" = code for Local
Billing Account Number

SI05	234	Product/Service Id	AN	1/40	M	If SI04 = "TP" **"SC"** = Service Center

If SI04 = "TY"
"TOS" = (Type of
Service
(Business,
G=Government,
R=Residence)

If SI04 = "SS"
"SPEC" = Service and
Product Enhancement
Code

If SI04 = "NC"
"NC" = Code for
Network Channel Code

If SI04 = "NI"
"NCI" = Code for
Network Channel
Interface

If SI04 = "SN"
"SECNCI" = Secondary
Network Channel
Interface

If SI04 = "SC"
"REQTYPE(first

byte)"E=Resale

If SI04 = "LS"
"LSO" = Local Service
Office

If SI04 = "LR"
"DRC"= Design Routing
Code

If SI04 = "BN"
"LOCBAN" = Local
Billing Account Number

PID   Product/Item Description

PURPOSE: To describe a product or process in coded or free-form format.

Requirements: Optional; Max Use: 200;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
PID01	349	Item Description Type	ID	1/1	M	"X" = Semi-structured (Code & Text)
PID03	559	Agency Qualifier Code	ID	2/2	X	"TI" = Telecommunications Industry
PID04	751	Product Description Code	AN	1/12	X	"ORI" = Order Instructions
						"ACC" = Access Instructions
						"CHC" = Coordinated Hot Cut
						"SCA" = Code for Special Construction Authorization
						"AGAUTH" = Code for Agency Authorization Status
						"EUMI" = Code for End User Moving
						"RESALE" = Code for Resale Attached Form
						"NID" = Code for NID
						"LOOP" = Code for Loop
						"LOCAL SWITCH" = Code for Local Switch
						"DATA BASE ENTRY"

						=Code for Data Base Entry
PID05	352	Description	AN	1/80	X	If PID04 = "ORI" **"REMARKS"** Order Instructions
						If PID04 = "ACC" **"ACC"** Access Instructions

TX1 Tax Information

PURPOSE: To Specify tax information.

Requirements: Optional; Max Use: 1;

Segment/ Element I.D.	Seg/ Elem No.	Description	Attributes			Value or Comment
TX101	963	Tax Type Code	ID	2/2	M	"TE" = Code for Tax Exemption
TX106	441	Tax Exempt Code	ID	1/1	X	**"TE"** ("1"=Exempt, "2"=Non-Exempt)